

## WEST Search History

DATE: Thursday, February 12, 2004

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|---|-----------------|--|------------------|
| <i>DB=PGPB,USPT,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i> |                 |  |                  |
| <input type="checkbox"/>  | L4              | (decorin or PG-II or PG-40 or proteoglycan adj (II or 40)) and skin? same (aging or cosmetic\$)  |                  |
| <input type="checkbox"/>  | L3              | (decorin or PG-II or PG-40 or proteoglycan adj (II or 40)) same (pharmaceutical adj composition? or cosmetic adj compostion? or dermatological composition?) |                  |
| <input type="checkbox"/>  | L2              | (decorin or PG-II or PG-40 or proteoglycan adj II) same (pharmaceutical adj composition? or cosmetic adj compostion? or dermatological composition?)         |                  |
| <input type="checkbox"/>  | L1              | (decorin or PG-II or PG-40 or proteoglycan adj II) same composition?   |                  |

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 15 of 15 returned.

1. Document ID: US 20030124152 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 15

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124152

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124152 A1

TITLE: Use of decorin in a cosmetic or dermatologic composition

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

| NAME                  | CITY      | STATE | COUNTRY | RULE-47 |
|-----------------------|-----------|-------|---------|---------|
| Pang, Danny Zhong Der | Fullerton | CA    | US      |         |

US-CL-CURRENT: 424/401; 424/94.63

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn Desc](#) [Image](#)

2. Document ID: US 20030032591 A1

L2: Entry 2 of 15

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032591

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032591 A1

TITLE: Inhibitors of cell regulatory factors and methods for preventing or reducing scarring

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

| NAME                      | CITY            | STATE | COUNTRY | RULE-47 |
|---------------------------|-----------------|-------|---------|---------|
| Ruoslahti, Erkki I.       | Rancho Santa Fe | CA    | US      |         |
| Longaker, Michael T.      | San Francisco   | CA    | US      |         |
| Whitby, David J.          | Adel            | CA    | GB      |         |
| Harper, John R.           | Carlsbad        | CA    | US      |         |
| Pierschbacher, Michael D. | San Diego       | UT    | US      |         |
| Border, Wayne A.          | Salt Lake City  |       | US      |         |

US-CL-CURRENT: 514/12; 514/54[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#) 3. Document ID: US 6517838 B1

L2: Entry 3 of 15

File: USPT

Feb 11, 2003

US-PAT-NO: 6517838

DOCUMENT-IDENTIFIER: US 6517838 B1

TITLE: Decorin binding protein essential peptides and methods of use

DATE-ISSUED: February 11, 2003

## INVENTOR-INFORMATION:

| NAME            | CITY     | STATE | ZIP CODE | COUNTRY |
|-----------------|----------|-------|----------|---------|
| Hook; Magnus A. | Houston  | TX    |          |         |
| Brown; Eric L.  | Bellaire | TX    |          |         |

US-CL-CURRENT: 424/185.1; 424/130.1, 424/184.1, 424/234.1, 435/7.2, 530/324[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#) 4. Document ID: US 6509314 B1

L2: Entry 4 of 15

File: USPT

Jan 21, 2003

US-PAT-NO: 6509314

DOCUMENT-IDENTIFIER: US 6509314 B1

TITLE: Methods of preventing or reducing scarring with decorin or biglycan

DATE-ISSUED: January 21, 2003

## INVENTOR-INFORMATION:

| NAME                | CITY            | STATE | ZIP CODE | COUNTRY |
|---------------------|-----------------|-------|----------|---------|
| Ruoslahti; Erkki I. | Rancho Santa Fe | CA    |          |         |
| Border; Wayne A.    | Salt Lake City  | UT    |          |         |

US-CL-CURRENT: 514/8; 514/2, 530/350[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#) 5. Document ID: US 6277812 B1

L2: Entry 5 of 15

File: USPT

Aug 21, 2001

US-PAT-NO: 6277812

h e b b g e e e f e e ef b e

DOCUMENT-IDENTIFIER: US 6277812 B1

TITLE: Methods for inhibiting TGF-.beta. activity

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

| NAME                | CITY            | STATE | ZIP CODE | COUNTRY |
|---------------------|-----------------|-------|----------|---------|
| Ruoslahti; Erkki I. | Rancho Santa Fe | CA    |          |         |
| Yamaguchi; Yu       | San Diego       | CA    |          |         |

US-CL-CURRENT: 514/2; 435/69.1, 514/8, 530/395

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequenomes](#) | [Attachment](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

6. Document ID: US 5958411 A

L2: Entry 6 of 15

File: USPT

Sep 28, 1999

US-PAT-NO: 5958411

DOCUMENT-IDENTIFIER: US 5958411 A

TITLE: Methods of inhibiting ECM accumulation in the CNS by inhibition of TGF-.beta..

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

| NAME          | CITY           | STATE | ZIP CODE | COUNTRY |
|---------------|----------------|-------|----------|---------|
| Logan; Ann    | Worcestershire |       |          | GB      |
| Baird; Andrew | San Diego      | CA    |          |         |

US-CL-CURRENT: 424/158.1; 514/12, 514/2, 530/387.1, 530/389.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequenomes](#) | [Attachment](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

7. Document ID: US 5763276 A

L2: Entry 7 of 15

File: USPT

Jun 9, 1998

US-PAT-NO: 5763276

DOCUMENT-IDENTIFIER: US 5763276 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Processes for the purification of human recombinant decorin and the detection of guanidinium ions

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
|------|------|-------|----------|---------|

h e b b g e e e f e e ef b e

|                     |           |    |
|---------------------|-----------|----|
| Craig; William S.   | San Diego | CA |
| Harper; John R.     | San Diego | CA |
| Hernandez; Sam D.   | Carlsbad  | CA |
| Kostel; Paul J.     | San Diego | CA |
| Parker; Jonathan R. | Jamul     | CA |
| Vedwick; Thomas S.  | Carlsbad  | CA |

US-CL-CURRENT: 436/111; 435/4, 436/149, 530/395

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

8. Document ID: US 5654270 A

L2: Entry 8 of 15

File: USPT

Aug 5, 1997

US-PAT-NO: 5654270

DOCUMENT-IDENTIFIER: US 5654270 A

\*\* See image for Certificate of Correction \*\*

TITLE: Use of fibromodulin to prevent or reduce dermal scarring

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

| NAME                 | CITY            | STATE | ZIP CODE | COUNTRY |
|----------------------|-----------------|-------|----------|---------|
| Ruoslahti; Erkki I.  | Rancho Santa Fe | CA    |          |         |
| Longaker; Michael T. | San Francisco   | CA    |          |         |
| Whitby; David J.     | Adel            |       |          | GB      |

US-CL-CURRENT: 514/8; 435/69.1, 514/2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

9. Document ID: US 5650389 A

L2: Entry 9 of 15

File: USPT

Jul 22, 1997

US-PAT-NO: 5650389

DOCUMENT-IDENTIFIER: US 5650389 A

TITLE: Methods for the inhibition of complement activation

DATE-ISSUED: July 22, 1997

INVENTOR-INFORMATION:

| NAME               | CITY       | STATE | ZIP CODE | COUNTRY |
|--------------------|------------|-------|----------|---------|
| Krumdieck; Richard | Birmingham | AL    |          |         |
| Hook; Magnus A. O. | Houston    | TX    |          |         |
| Volanakis; John E. | Birmingham | AL    |          |         |

US-CL-CURRENT: 514/8; 435/2

|      |       |          |       |        |                |      |           |   |   |        |      |            |       |
|------|-------|----------|-------|--------|----------------|------|-----------|---|---|--------|------|------------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <input checked="" type="checkbox"/> Sequences | <input checked="" type="checkbox"/> Attachments | Claims | KMPC | Drawn Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|---|---|--------|------|------------|-------|

 10. Document ID: US 5567807 A

L2: Entry 10 of 15

File: USPT

Oct 22, 1996

US-PAT-NO: 5567807

DOCUMENT-IDENTIFIER: US 5567807 A

\*\* See image for Certificate of Correction \*\*

TITLE: Processes for the purification of human recombinant decorin and the detection of guanidinium ions

DATE-ISSUED: October 22, 1996

## INVENTOR-INFORMATION:

| NAME                | CITY      | STATE | ZIP CODE | COUNTRY |
|---------------------|-----------|-------|----------|---------|
| Craig; William S.   | San Diego | CA    |          |         |
| Harper; John R.     | San Diego | CA    |          |         |
| Kostel; Paul J.     | San Diego | CA    |          |         |
| Parker; Jonathan R. | Jamul     | CA    |          |         |
| Vedvick; Thomas S.  | Carlsbad  | CA    |          |         |

US-CL-CURRENT: 530/395; 530/412, 530/416

|      |       |          |       |        |                |      |           |   |   |        |      |            |       |
|------|-------|----------|-------|--------|----------------|------|-----------|---|---|--------|------|------------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <input checked="" type="checkbox"/> Sequences | <input checked="" type="checkbox"/> Attachments | Claims | KMPC | Drawn Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|---|---|--------|------|------------|-------|

 11. Document ID: EP 1230929 A1

L2: Entry 11 of 15

File: EPAB

Aug 14, 2002

PUB-NO: EP001230929A1

DOCUMENT-IDENTIFIER: EP 1230929 A1

TITLE: Inhibitors of cell regulatory factors and methods for preventing or reducing scarring

PUBN-DATE: August 14, 2002

## INVENTOR-INFORMATION:

| NAME                     | COUNTRY |
|--------------------------|---------|
| RUOSLAHTI, ERKKI I       | US      |
| LONGAKER, MICHAEL T      | US      |
| WHITBY, DAVID J          | GB      |
| HARPER, JOHN R           | US      |
| PIERSCHBACHER, MICHAEL D | US      |
| BORDER, WAYNE A          | US      |

INT-CL (IPC): A61 K 38/17; A61 P 17/02; A61 P 13/12

EUR-CL (EPC): C07K014/47; C07K014/47, C07K014/475, C07K014/495

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                      |                           |                       |
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|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|

 12. Document ID: WO 9321945 A1

L2: Entry 12 of 15

File: EPAB

Nov 11, 1993

PUB-NO: WO009321945A1

DOCUMENT-IDENTIFIER: WO 9321945 A1

TITLE: METHODS FOR TREATING VASCULAR DISORDERS BY INHIBITING THE ENDOTHELIN STIMULATORY ACTIVITY OF TGF beta

PUBN-DATE: November 11, 1993

## INVENTOR-INFORMATION:

| NAME            | COUNTRY |
|-----------------|---------|
| BROWN, MARVIN R |         |
| HARPER, JOHN R  |         |

INT-CL (IPC): A61K 37/02; A61K 39/395

EUR-CL (EPC): A61K038/17; C07K016/22

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                      |                           |                       |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Sequences</a> | <a href="#">Attachments</a> | <a href="#">Claims</a> | <a href="#">KIMC</a> | <a href="#">Draw Desc</a> | <a href="#">Image</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|

 13. Document ID: WO 9319783 A1

L2: Entry 13 of 15

File: EPAB

Oct 14, 1993

PUB-NO: WO009319783A1

DOCUMENT-IDENTIFIER: WO 9319783 A1

TITLE: METHODS OF INHIBITING OR ENHANCING SCAR FORMATION IN THE CNS

PUBN-DATE: October 14, 1993

## INVENTOR-INFORMATION:

| NAME          | COUNTRY |
|---------------|---------|
| LOGAN, ANN    |         |
| BAIRD, ANDREW |         |

INT-CL (IPC): A61K 39/395; A61K 37/02

EUR-CL (EPC): C07K016/22; A61K038/04, A61K038/17 , A61K038/18

|                      |                       |                          |                       |                        |                                |                      |                           |                           |                             |                        |                      |                           |                       |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|
| <a href="#">Full</a> | <a href="#">Title</a> | <a href="#">Citation</a> | <a href="#">Front</a> | <a href="#">Review</a> | <a href="#">Classification</a> | <a href="#">Date</a> | <a href="#">Reference</a> | <a href="#">Sequences</a> | <a href="#">Attachments</a> | <a href="#">Claims</a> | <a href="#">KIMC</a> | <a href="#">Draw Desc</a> | <a href="#">Image</a> |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|---------------------------|-----------------------------|------------------------|----------------------|---------------------------|-----------------------|

 14. Document ID: WO 9309800 A1

L2: Entry 14 of 15

File: EPAB

May 27, 1993

PUB-NO: WO009309800A1

DOCUMENT-IDENTIFIER: WO 9309800 A1

TITLE: INHIBITORS OF CELL REGULATORY FACTORS AND METHODS FOR PREVENTING OR REDUCING SCARRING

PUBN-DATE: May 27, 1993

## INVENTOR-INFORMATION:

| NAME                     | COUNTRY |
|--------------------------|---------|
| RUOSLAHTI, ERKKI I       | US      |
| LONGAKER, MICHAEL T      | US      |
| WHITBY, DAVID J          | GB      |
| HARPER, JOHN R           | US      |
| PIERSCHBACHER, MICHAEL D | US      |
| BORDER, WAYNE A          | US      |

INT-CL (IPC): A61K 37/02; C07K 13/00; C12N 15/12; C12N 15/62

EUR-CL (EPC): C07K014/47; C07K014/475 , C07K014/495

Full    Title    Citation    Front    Review    Classification    Date    Reference    Sequences    Attachments    Claims    KIMC    Drawn Desc    Image

15. Document ID: US 20030124152 A1

L2: Entry 15 of 15

File: DWPI

Jul 3, 2003

DERWENT-ACC-NO: 2003-810975

DERWENT-WEEK: 200376

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TITLE: New cosmetic, pharmaceutical, or dermatological compositions containing decorin, for treating and preventing intrinsic and extrinsic aging of the skin, or for restoring skin to a more resiliency and youthful appearance

INVENTOR: PANG, D Z D

PRIORITY-DATA: 2001US-0004176 (November 2, 2001)

## PATENT-FAMILY:

| PUB-NO                   | PUB-DATE     | LANGUAGE | PAGES | MAIN-IPC   |
|--------------------------|--------------|----------|-------|------------|
| <u>US 20030124152 A1</u> | July 3, 2003 |          | 020   | A61K038/48 |

INT-CL (IPC): A61 K 7/00; A61 K 38/48

Full    Title    Citation    Front    Review    Classification    Date    Reference    Sequences    Attachments    Claims    KIMC    Drawn Desc    Image

| Term     | Documents |
|----------|-----------|
| DECORIN  | 833       |
| DECORINS | 0         |
| PG-II    | 26        |
| PG-IIS   | 0         |

|   |         |
|---|---------|
| PG-40   | 23      |
| PG-40S  | 0       |
| PROTEOGLYCAN  | 5233    |
| PROTEOGLYCANS   | 6081    |
| II  | 1411480 |
| IIS   | 2260    |
| ((DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN ADJ II) SAME<br>(PHARMACEUTICAL ADJ COMPOSITION? OR COSMETIC ADJ<br>COMPOSITION? OR DERMATOLOGICAL<br>COMPOSITION?).PGPB,USPT,EPAB,DWPI,TDBD. | 15      |

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FILE 'SOLIDSTATE' ENTERED AT 15:21:59 ON 12 FEB 2004  
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=> s (decorin or PG-II or PG-40 or proteoglycan (w) (II or 40)) and skin? (s) (aging or cosmetic?)

L1 0 FILE ADISCTI  
L2 0 FILE ADISINSIGHT  
L3 0 FILE ADISNEWS

L4 0 FILE AGRICOLA  
L5 0 FILE ANABSTR  
L6 0 FILE AQUASCI  
L7 0 FILE BIOBUSINESS  
L8 0 FILE BIOCOMMERCE  
L9 0 FILE BIOSIS  
L10 5 FILE BIOTECHDS  
L11 1 FILE BIOTECHNO  
L12 0 FILE CABA  
L13 1 FILE CANCERLIT  
L14 22 FILE CAPLUS  
L15 0 FILE CEABA-VTB  
L16 0 FILE CEN  
L17 0 FILE CIN  
L18 0 FILE CONFSCI  
L19 0 FILE CROPB  
L20 0 FILE CROPU  
L21 0 FILE DISSABS  
L22 14 FILE DGENE  
L23 0 FILE DRUGB  
L24 0 FILE DRUGMONOG2  
L25 0 FILE IMSDRUGNEWS  
L26 0 FILE DRUGU  
L27 0 FILE IMSRESEARCH  
L28 0 FILE EMBAL  
L29 2 FILE EMBASE  
L30 1 FILE ESBIOBASE  
  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'SKIN? (S) '  
L31 1 FILE FEDRIP  
L32 0 FILE FOMAD  
L33 0 FILE FOREGE  
L34 0 FILE FROSTI  
L35 0 FILE FSTA  
L36 0 FILE GENBANK  
L37 0 FILE HEALSAFE  
L38 6 FILE IFIPAT  
L39 0 FILE IMSPRODUCT  
L40 2 FILE JICST-EPLUS  
L41 2 FILE KOSMET  
L42 0 FILE LIFESCI  
L43 0 FILE MEDICONF  
L44 2 FILE MEDLINE  
L45 0 FILE NIOSHTIC  
L46 0 FILE NTIS  
L47 0 FILE NUTRACEUT  
L48 0 FILE OCEAN  
L49 0 FILE PASCAL  
L50 0 FILE PCTGEN  
L51 0 FILE PHAR  
L52 0 FILE PHARMAML  
L53 0 FILE PHIC  
L54 0 FILE PHIN  
L55 5 FILE PROMT  
L56 0 FILE RDISCLOSURE  
L57 3 FILE SCISEARCH  
L58 0 FILE SYNTHLINE  
L59 2 FILE TOXCENTER  
L60 130 FILE USPATFULL  
L61 5 FILE USPAT2  
L62 0 FILE VETB  
L63 0 FILE VETU  
L64 15 FILE WPIDS  
L65 0 FILE IPA  
L66 0 FILE NAPRALERT  
L67 0 FILE NLDB

L68 0 FILE 1MOBILITY  
L69 0 FILE COMPENDEX  
L70 0 FILE COMPUAB  
L71 0 FILE CONF  
L72 0 FILE ELCOM  
L73 0 FILE IMSDRUGCONF  
L74 0 FILE PAPERCHEM2  
L75 0 FILE POLLUAB  
L76 0 FILE SOLIDSTATE

TOTAL FOR ALL FILES

L77 219 (DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN (W) (II OR 40)) AND  
SKIN? (S) (AGING OR COSMETIC?)

=> s (DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN (W) (II OR 40)) (s) SKIN? (S) (AGING OR  
COSMETIC?)

L78 0 FILE ADISCTI  
L79 0 FILE ADISINSIGHT  
L80 0 FILE ADISNEWS  
L81 0 FILE AGRICOLA  
L82 0 FILE ANABSTR  
L83 0 FILE AQUASCI  
L84 0 FILE BIOBUSINESS  
L85 0 FILE BIOCOMMERCE  
L86 0 FILE BIOSIS  
L87 5 FILE BIOTECHDS  
L88 1 FILE BIOTECHNO  
L89 0 FILE CABA  
L90 1 FILE CANCERLIT  
L91 9 FILE CAPLUS  
L92 0 FILE CEABA-VTB  
L93 0 FILE CEN  
L94 0 FILE CIN  
L95 0 FILE CONFSCI  
L96 0 FILE CROPB  
L97 0 FILE CROPU  
L98 0 FILE DISSABS  
L99 14 FILE DGENE  
L100 0 FILE DRUGB  
L101 0 FILE DRUGMONOG2  
L102 0 FILE IMSDRUGNEWS  
L103 0 FILE DRUGU  
L104 0 FILE IMSRESEARCH  
L105 0 FILE EMBAL  
L106 1 FILE EMBASE  
L107 1 FILE ESBIOBASE

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED ') (S) SKIN?'  
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH  
FIELD CODE - 'AND' OPERATOR ASSUMED 'SKIN? (S) '

L108 1 FILE FEDRIP  
L109 0 FILE FOMAD  
L110 0 FILE FOREGE  
L111 0 FILE FROSTI  
L112 0 FILE FSTA  
L113 0 FILE GENBANK  
L114 0 FILE HEALSAFE  
L115 4 FILE IFIPAT  
L116 0 FILE IMSPRODUCT  
L117 2 FILE JICST-EPLUS  
L118 1 FILE KOSMET  
L119 0 FILE LIFESCI  
L120 0 FILE MEDICONF  
L121 0 FILE MEDLINE  
L122 0 FILE NIOSHTIC  
L123 0 FILE NTIS

L124 0 FILE NUTRACEUT  
L125 0 FILE OCEAN  
L126 0 FILE PASCAL  
L127 0 FILE PCTGEN  
L128 0 FILE PHAR  
L129 0 FILE PHARMAML  
L130 0 FILE PHIC  
L131 0 FILE PHIN  
L132 3 FILE PROMT  
L133 0 FILE RDISCLOSURE  
L134 0 FILE SCISEARCH  
L135 0 FILE SYNTHLINE  
L136 1 FILE TOXCENTER  
L137 97 FILE USPATFULL  
L138 3 FILE USPAT2  
L139 0 FILE VETB  
L140 0 FILE VETU  
L141 8 FILE WPIDS  
L142 0 FILE IPA  
L143 0 FILE NAPRALERT  
L144 0 FILE NLDB  
L145 0 FILE 1MOBILITY  
L146 0 FILE COMPENDEX  
L147 0 FILE COMPUAB  
L148 0 FILE CONF  
L149 0 FILE ELCOM  
L150 0 FILE IMSDRUGCONF  
L151 0 FILE PAPERCHEM2  
L152 0 FILE POLLUAB  
L153 0 FILE SOLIDSTATE

TOTAL FOR ALL FILES

L154 152 (DECORIN OR PG-II OR PG-40 OR PROTEOGLYCAN (W) (II OR 40)) (S)  
SKIN? (S) (AGING OR COSMETIC?)

=> dup rem l152  
L152 HAS NO ANSWERS

=> dup rem l154  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,  
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,  
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE, CONF,  
IMSDRUGCONF'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L154  
L155 134 DUP REM L154 (18 DUPLICATES REMOVED)

=> d l155 1-34 ibib abs

L155 ANSWER 1 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2004:31192 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S): Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES

NUMBER            KIND            DATE

PATENT INFORMATION: US 2004023331 A1 20040205  
APPLICATION INFO.: US 2003-425447 A1 20030428 (10)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-907794, filed on 17

Jul 2001, GRANTED, Pat. No. US 6635468 Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation-in-part of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING

|                       | NUMBER   | DATE          |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1997-63128P   | 19971024 (60) |
| DOCUMENT TYPE:        | Utility  |               |
| FILE SEGMENT:         | APPLICATION  |               |
| LEGAL REPRESENTATIVE: | HELLER EHRLMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD ROAD, MENLO PARK, CO, 94025-3506 |               |
| NUMBER OF CLAIMS:     | 38   |               |
| EXEMPLARY CLAIM:      | 1  |               |
| NUMBER OF DRAWINGS:   | 124 Drawing Page(s)  |               |
| LINE COUNT:           | 16773  |               |

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L155 ANSWER 2 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2004:7971 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S): Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES

|                       | NUMBER   | KIND | DATE          |
|-----------------------|--|------|---------------|
| PATENT INFORMATION:   | US 2004006211  | A1   | 20040108      |
| APPLICATION INFO.:    | US 2003-448713   | A1   | 20030529 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2001-905125, filed on 12 Jul 2001, PENDING Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING |      |               |

|                       | NUMBER   | DATE          |
|-----------------------|--|---------------|
| PRIORITY INFORMATION: | US 1997-63128P   | 19971024 (60) |
| DOCUMENT TYPE:        | Utility  |               |
| FILE SEGMENT:         | APPLICATION  |               |
| LEGAL REPRESENTATIVE: | HELLER EHRLMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD ROAD, MENLO PARK, CO, 94025-3506 |               |
| NUMBER OF CLAIMS:     | 38   |               |
| EXEMPLARY CLAIM:      | 1  |               |
| NUMBER OF DRAWINGS:   | 124 Drawing Page(s)  |               |
| LINE COUNT:           | 21761  |               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are

vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 3 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:7431 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES

NUMBER KIND DATE

-----  
PATENT INFORMATION: US 2004005665 A1 20040108

APPLICATION INFO.: US 2003-449656 A1 20030529 (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-907794, filed on 17 Jul 2001, PENDING Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING

NUMBER DATE

-----  
PRIORITY INFORMATION: US 1997-63128P 19971024 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HELLER EHRLMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD ROAD, MENLO PARK, CO, 94025-3506

NUMBER OF CLAIMS: 38

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21260

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 4 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2004:7320 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

| NUMBER   | KIND | DATE         |
|--|------|--------------|
| US 2004005553  | A1   | 20040108     |
| US 2001-908576   | A1   | 20010718 (9) |
| Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

PRIORITY INFORMATION:

| NUMBER          | DATE          |
|-----------------|---------------|
| WO 1998-US18824 | 19980910      |
| WO 1998-US19177 | 19980914      |
| WO 1998-US19330 | 19980916      |
| WO 1998-US19437 | 19980917      |
| WO 1998-US25108 | 19981201      |
| WO 1999-US20594 | 19990908      |
| WO 1999-US20944 | 19990913      |
| WO 1999-US21090 | 19990915      |
| WO 1999-US21547 | 19990915      |
| WO 1999-US23089 | 19991005      |
| WO 1999-US28214 | 19991129      |
| WO 1999-US28313 | 19991130      |
| WO 1999-US28301 | 19991201      |
| WO 1999-US28564 | 19991202      |
| WO 1999-US28565 | 19991202      |
| WO 1999-US30095 | 19991216      |
| WO 1999-US30999 | 19991220      |
| WO 1999-US30911 | 19991220      |
| WO 2000-US219   | 20000105      |
| WO 2000-US3565  | 20000211      |
| WO 2000-US4414  | 20000222      |
| WO 2000-US5004  | 20000224      |
| WO 2000-US5841  | 20000302      |
| WO 2000-US7377  | 20000320      |
| WO 2000-US8439  | 20000330      |
| WO 2000-US14042 | 20000522      |
| WO 2000-US15264 | 20000602      |
| WO 2000-US20710 | 20000728      |
| WO 2000-US23328 | 20000824      |
| US 1997-59115P  | 19970917 (60) |
| US 1997-59184P  | 19970917 (60) |
| US 1997-59122P  | 19970917 (60) |
| US 1997-59117P  | 19970917 (60) |
| US 1997-59113P  | 19970917 (60) |
| US 1997-59121P  | 19970917 (60) |
| US 1997-59119P  | 19970917 (60) |
| US 1997-59263P  | 19970918 (60) |
| US 1997-59266P  | 19970918 (60) |

|                 |               |
|-----------------|---------------|
| US 1997-62125P  | 19971015 (60) |
| US 1997-62287P  | 19971017 (60) |
| US 1997-62285P  | 19971017 (60) |
| US 1997-63486P  | 19971021 (60) |
| US 1997-62816P  | 19971024 (60) |
| US 1997-62814P  | 19971024 (60) |
| US 1997-63127P  | 19971024 (60) |
| US 1997-63120P  | 19971024 (60) |
| US 1997-63121P  | 19971024 (60) |
| US 1997-63045P  | 19971024 (60) |
| US 1997-63128P  | 19971024 (60) |
| US 1997-63329P  | 19971027 (60) |
| US 1997-63327P  | 19971027 (60) |
| US 1997-63549P  | 19971028 (60) |
| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Ginger R. Dreger, Heller Ehrman White & McAuliffe LLP,  
275 Middlefield Road, Menlo Park, CA, 94024  
NUMBER OF CLAIMS: 38  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 124 Drawing Page(s)  
LINE COUNT: 21287  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which

bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 5 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2004:27159 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S): Desnoyers, Luc, San Francisco, CA, United States  
Goddard, Audrey, San Francisco, CA, United States  
Godowski, Paul J., Hillsborough, CA, United States  
Gurney, Austin L., Belmont, CA, United States  
Mather, Jennie P., Millbrae, CA, United States  
Williams, P. Mickey, Half Moon Bay, CA, United States  
Wood, William I., Hillsborough, CA, United States  
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States  
(U.S. corporation)

| NUMBER  | KIND | DATE         |
|---|------|--------------|
| US 6686451  | B1   | 20040203     |
| US 2001-902775  |      | 20010710 (9) |
| Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000 Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000 Continuation-in-part of Ser. No. WO 1999-US28313, filed on 30 Nov 1999 Continuation-in-part of Ser. No. WO 1998-US19330, filed on 16 Sep 1998 |      |              |

| NUMBER   | DATE                                       |
|--|--|
| US 1997-63128P   | 19971024 (60)                              |
| Utility  |  |
| GRANTED  |  |
| Kemmerer, Elizabeth  |  |
| Barnes, Elizabeth M., Kresnak, Mark T., Dreger, Esq.,<br>Ginger R. |  |
| NUMBER OF CLAIMS:  | 5  |
| EXEMPLARY CLAIM:   | 1  |
| NUMBER OF DRAWINGS:  | 124 Drawing Figure(s); 124 Drawing Page(s) |
| LINE COUNT:  | 21246                                      |

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L155 ANSWER 6 OF 134 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2004-00310 BIOTECHDS

TITLE: New cosmetic, pharmaceutical, or dermatological compositions containing decorin, for treating and preventing intrinsic and extrinsic aging of the skin, or for restoring skin to a more resiliency and youthful appearance;  
recombinant protein production via plasmid expression in host cell for use in disease therapy

AUTHOR: PANG D Z D  
PATENT ASSIGNEE: PANG D Z D  
PATENT INFO: US 2003124152 3 Jul 2003  
APPLICATION INFO: US 2001-4176 2 Nov 2001  
PRIORITY INFO: US 2001-4176 2 Nov 2001; US 2001-4176 2 Nov 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English

OTHER SOURCE: WPI: 2003-810975 [76]

AN 2004-00310 BIOTECHDS

AB DERWENT ABSTRACT:

NOVELTY - A cosmetic, pharmaceutical, or dermatological composition containing decorin dissolved or dispersed for topical administration in a cosmetic, dermatological, or pharmaceutical vehicle, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for treating the skin of a human to combat aging by applying to the skin a decorin-containing cosmetic, dermatological, or pharmaceutical composition.

BIOTECHNOLOGY - Preferred Composition: Decorin is naturally derived or produced by recombinant means, and comprises the human mature core protein having a 329 amino acid sequence, given in the specification. The human decorin core protein is present in an amount of 0.5-5000, preferably 5-500 micro-g/ml.

ACTIVITY - Antiaging. Human decorin core protein (HDCP) cream was applied to one side of the facial skin area between the temple, the outer canthus and the upper cheek. A control study was also carried out at the same time on the other side of the facial skin using a control cream having the same ingredients with the HDCP cream except it does not contain HDCP. Twenty-four volunteers, 21-50 years old, were included in the study. Each volunteer was given 2 jars of color-labeled creams, the HDCP and the control, and were told to use one cream on one side of the facial skin 2 times a day for 10 weeks. Results indicated that in the age group of 21-30, the facial skin on the side using HDCP cream was smoother than the control side and the occurrence of fine line was retarded. In the age group 31-40, fine lines disappeared and skin was smoother. In the age group 41-50, fine lines and small wrinkles were significantly reduced or diminished. Large wrinkles were dramatically toned down, and skin appeared smoother and youthful.

MECHANISM OF ACTION - None given.

USE - The decorin-containing composition is useful for treating and preventing intrinsic (due to genetic factors) and extrinsic (due to environmental factors) aging of the skin. The composition is also useful for repairing damaged skin from aging, restoring skin to a more resiliency and youthful appearance, and reducing, eliminating or even reversing the signs of aging, including loss of elasticity, fine lines and wrinkles.

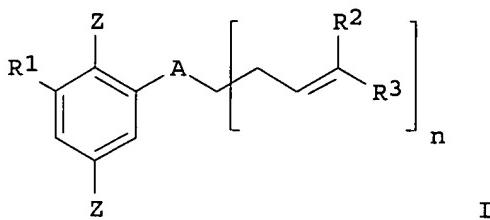
ADMINISTRATION - The decorin-containing composition is administered topically. No dosage is given.

ADVANTAGE - The decorin-containing composition overcomes the drawbacks of other anti-aging agents, such as causing skin allergy reactions, discomforts, susceptibility to damaging effects of the sun after application, and accelerated photoaging of the skin.

EXAMPLE - The double stranded cDNA of human decorin core protein (HDCP) was synthesized from human skin fibroblast cDNA library using Taq DNA polymerase, and a set of upstream and downstream oligonucleotide primers for HDCP. The PCR-amplified DNA fragments were gel-purified and cloned into pGEM-T vectors. After ligation, DNA was transformed into Escherichia coli DH5alpha cells. Plasmid isolated from one of the colonies was confirmed to contain the right size of the insert by analyses of restriction endonucleases and to comprise a DNA sequence of HDCP by DNA sequence in both directions by the chain termination method. Plasmid containing the insert encoding the HDCP was digested with restriction endonuclease to release the DNA insert. Fragments were purified and ligated to expression vector pZDGU9, which was then transformed into competent E. coli strain N4830-1 for expression and purification of HDCP. HDCP samples were analyzed by 8 % sodium dodecyl sulfate (SDS) polyacrylamide gel electrophoresis, and protein bands were visualized by Coomassie blue staining. The apparent molecular weight of HDCP was 40 kDa and its PI is 8.7. (20 pages)

ACCESSION NUMBER: 2003:855779 CAPLUS  
 DOCUMENT NUMBER: 139:341449  
 TITLE: Long-chain unsaturated carboxylic acid derivatives used in cosmetics  
 INVENTOR(S): Barclay, Scott Sinclair; Bosley, John Anthony; Donovan, Robert Mark; James, Alexander Gordon; Mayes, Andrew Easson; Rogers, Julia Sarah  
 PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever NV; Hindustan Lever Limited  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND   | DATE              | APPLICATION NO. | DATE       |
|------------------------|--|-------------------|-----------------|------------|
| WO 2003088942          | A1   | 20031030          | WO 2003-EP3876  | 20030415   |
| W:                     | AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY |                   |                 |            |
| RW:                    | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |                   |                 |            |
| US 2003206936          | A1   | 20031106          | US 2003-420629  | 20030422   |
| PRIORITY APPLN. INFO.: |  |                   | EP 2002-252812  | A 20020422 |
| OTHER SOURCE(S):       |  | MARPAT 139:341449 |                 |            |
| GI                     |  |                   |                 |            |



AB Disclosure is a cosmetic composition for topical application to human skin comprising an effective amount of a long-chain unsatd. Phenyl-containing carboxylic acid of general formula (I): n is an integer between 1 and 5; z is -OH or -O- or -OR1; each R1 is independently C1-4 straight or branched chain alkyl, -CH2OH or -COOH; R2 is independently R1, -CH2COOH or -COOH; and R3 is independently -CH2-, -CH3 or -COOH; A is a or b; and salt and ester derivs. thereof. For example, sarghydroquinoic acid was found to have the anti-aging and anti-inflammatory effect and was incorporated into the emulsion cream for skin care.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L155 ANSWER 8 OF 134 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 3  
 AN 10355262 IFIPAT;IFIUDB;IFICDB  
 TITLE: COSMETIC COMPOSITION AND METHOD OF TREATING SKIN  
 INVENTOR(S): Blachford; Sarah Louise, Bedford, GB  
 Ginger; Rebecca Susan, Bedford, GB  
 Mayes; Andrew Easson, Bedford, GB  
 Rogers; Julia Sarah, Bedford, GB  
 Yates; Paula Rachel, Bedford, GB

PATENT ASSIGNEE(S) : Unilever Home & Personal Care USA, Division of Conopco. Inc.  
AGENT: UNILEVER PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020, US

|                          | NUMBER         | PK | DATE     |
|--------------------------|----------------|----|----------|
| PATENT INFORMATION:      | US 2003099677  | A1 | 20030529 |
| APPLICATION INFORMATION: | US 2002-213234 |    | 20020806 |

|                        | NUMBER                  | DATE                                   |
|------------------------|-------------------------|--|
| PRIORITY APPLN. INFO.: | GB 2001-195866          | 20010810                               |
| FAMILY INFORMATION:    | US 2003099677           | 20030529                               |
| DOCUMENT TYPE:         | Utility                 | Patent Application - First Publication |
| FILE SEGMENT:          | CHEMICAL<br>APPLICATION |  |

NUMBER OF CLAIMS: 3

AB A cosmetic method for treating aged, sensitive, dry, flaky, wrinkled and/or photodamaged skin is provided through topical application of a composition which comprises trans-7octadecanoic acid and/or derivatives thereof. The invention also relates to compositions suitable for such cosmetic treatment.

CLMN 3

L155 ANSWER 9 OF 134 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 4  
AN 10295263 IFIPAT; IFIUDB; IFICDB  
TITLE: COSMETIC COMPOSITION AND METHOD OF TREATING SKIN;  
TOPICAL; MIXTURE OF FATTY ACID AND VEHICLE  
INVENTOR(S):  
Ginger; Rebecca Susan, Bedford, GB  
Mayes; Andrew Easson, Bedford, GB  
Rogers; Julia Sarah, Bedford, GB  
Yates; Paula Rachel, Bedford, GB  
PATENT ASSIGNEE(S) : Unilever Home & Personal Care USA, Division of Conopco, Inc.  
AGENT: UNILEVER PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020, US

|                          | NUMBER         | PK | DATE     |
|--------------------------|----------------|----|----------|
| PATENT INFORMATION:      | US 2003039672  | A1 | 20030227 |
| APPLICATION INFORMATION: | US 2002-211427 |    | 20020806 |

|                        | NUMBER                  | DATE                                   |
|------------------------|-------------------------|--|
| PRIORITY APPLN. INFO.: | GB 2001-195833          | 20010810                               |
| FAMILY INFORMATION:    | US 2003039672           | 20030227                               |
| DOCUMENT TYPE:         | Utility                 | Patent Application - First Publication |
| FILE SEGMENT:          | CHEMICAL<br>APPLICATION |  |

NUMBER OF CLAIMS: 10

AB A cosmetic method for treating aged, sensitive, dry, flaky, wrinkled and/or photodamaged skin is provided through topical application of a composition which comprises an unsaturated C16 fatty acid having at least three double bonds, which may be preferably hexadecatrienoic acid, and/or derivatives thereof. The invention also relates to compositions suitable for such cosmetic treatment

CLMN 10

L155 ANSWER 10 OF 134 USPATFULL on STN DUPLICATE 5  
ACCESSION NUMBER: 2003:165864 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S) : Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003113719  | A1   | 20030619     |
|                       | US 6664376   | B2   | 20031216     |
| APPLICATION INFO.:    | US 2001-905125   | A1   | 20010712 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

PRIORITY INFORMATION:

|  | NUMBER          | DATE          |
|--|-----------------|---------------|
|  | WO 1998-US18824 | 19980910      |
|  | WO 1998-US19177 | 19980914      |
|  | WO 1998-US19330 | 19980916      |
|  | WO 1998-US19437 | 19980917      |
|  | WO 1998-US25108 | 19981201      |
|  | WO 1999-US20594 | 19990908      |
|  | WO 1999-US20944 | 19990913      |
|  | WO 1999-US21090 | 19990915      |
|  | WO 1999-US21547 | 19990915      |
|  | WO 1999-US23089 | 19991005      |
|  | WO 1999-US28214 | 19991129      |
|  | WO 1999-US28313 | 19991130      |
|  | WO 1999-US28301 | 19991201      |
|  | WO 1999-US28564 | 19991202      |
|  | WO 1999-US28565 | 19991202      |
|  | WO 1999-US30095 | 19991216      |
|  | WO 1999-US30999 | 19991220      |
|  | WO 1999-US30911 | 19991220      |
|  | WO 2000-US219   | 20000105      |
|  | WO 2000-US3565  | 20000211      |
|  | WO 2000-US4414  | 20000222      |
|  | WO 2000-US5004  | 20000224      |
|  | WO 2000-US5841  | 20000302      |
|  | WO 2000-US7377  | 20000320      |
|  | WO 2000-US8439  | 20000330      |
|  | WO 2000-US14042 | 20000522      |
|  | WO 2000-US15264 | 20000602      |
|  | WO 2000-US20710 | 20000728      |
|  | WO 2000-US23328 | 20000824      |
|  | US 1997-59115P  | 19970917 (60) |

|                 |          |      |
|-----------------|----------|------|
| US 1997-59184P  | 19970917 | (60) |
| US 1997-59122P  | 19970917 | (60) |
| US 1997-59117P  | 19970917 | (60) |
| US 1997-59113P  | 19970917 | (60) |
| US 1997-59121P  | 19970917 | (60) |
| US 1997-59119P  | 19970917 | (60) |
| US 1997-59263P  | 19970918 | (60) |
| US 1997-59266P  | 19970918 | (60) |
| US 1997-62125P  | 19971015 | (60) |
| US 1997-62287P  | 19971017 | (60) |
| US 1997-62285P  | 19971017 | (60) |
| US 1997-63486P  | 19971021 | (60) |
| US 1997-62816P  | 19971024 | (60) |
| US 1997-62814P  | 19971024 | (60) |
| US 1997-63127P  | 19971024 | (60) |
| US 1997-63120P  | 19971024 | (60) |
| US 1997-63121P  | 19971024 | (60) |
| US 1997-63045P  | 19971024 | (60) |
| US 1997-63128P  | 19971024 | (60) |
| US 1997-63329P  | 19971027 | (60) |
| US 1997-63327P  | 19971027 | (60) |
| US 1997-63549P  | 19971028 | (60) |
| US 1997-63541P  | 19971028 | (60) |
| US 1997-63550P  | 19971028 | (60) |
| US 1997-63542P  | 19971028 | (60) |
| US 1997-63544P  | 19971028 | (60) |
| US 1997-63564P  | 19971028 | (60) |
| US 1997-63734P  | 19971029 | (60) |
| US 1997-63738P  | 19971029 | (60) |
| US 1997-63704P  | 19971029 | (60) |
| US 1997-63435P  | 19971029 | (60) |
| US 1997-64215P  | 19971029 | (60) |
| US 1997-63735P  | 19971029 | (60) |
| US 1997-63732P  | 19971029 | (60) |
| US 1997-64103P  | 19971031 | (60) |
| US 1997-63870P  | 19971031 | (60) |
| US 1997-64248P  | 19971103 | (60) |
| US 1997-64809P  | 19971107 | (60) |
| US 1997-65186P  | 19971112 | (60) |
| US 1997-65846P  | 19971117 | (60) |
| US 1997-65693P  | 19971118 | (60) |
| US 1997-66120P  | 19971121 | (60) |
| US 1997-66364P  | 19971121 | (60) |
| US 1997-66772P  | 19971124 | (60) |
| US 1997-66466P  | 19971124 | (60) |
| US 1997-66770P  | 19971124 | (60) |
| US 1997-66511P  | 19971124 | (60) |
| US 1997-66453P  | 19971124 | (60) |
| US 1997-66840P  | 19971125 | (60) |
| US 1997-69425P  | 19971212 | (60) |
| US 1998-88026P  | 19980604 | (60) |
| US 1998-99803P  | 19980910 | (60) |
| US 1998-100262P | 19980914 | (60) |
| US 1998-100858P | 19980917 | (60) |
| US 1998-104080P | 19981013 | (60) |
| US 1998-109304P | 19981120 | (60) |
| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN  
STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 11 OF 134 USPATFULL on STN DUPLICATE 6

ACCESSION NUMBER: 2003:140093 USPATFULL

TITLE: Anti-aging skin care composition and uses thereof

INVENTOR(S): Klysz, Beatrice M., New York, NY, UNITED STATES

|                     | NUMBER         | KIND | DATE          |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003095933  | A1   | 20030522      |
| APPLICATION INFO.:  | US 2002-294375 | A1   | 20021114 (10) |

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2001-331455P | 20011116 (60) |
| DOCUMENT TYPE:        | Utility         |               |
| FILE SEGMENT:         | APPLICATION     |               |

LEGAL REPRESENTATIVE: BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112

NUMBER OF CLAIMS: 12

EXEMPLARY CLAIM: 1

LINE COUNT: 638

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed toward anti-aging skin care compositions comprising Vitamin B1, Vitamin B5, Vitamin C, N-acetyl-cysteine and, optionally, lipoic acid. The present invention is further directed toward methods for therapeutically or prophylactically treating the consequences of aging on the condition or appearance of the skin. The present invention further provides one or more kits that are useful for delaying, treating or preventing the consequences of aging on the condition or appearance of the skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 12 OF 134 USPATFULL on STN DUPLICATE 7

ACCESSION NUMBER: 2003:71392 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S):  
Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003049677  | A1   | 20030313     |
|                       | US 6635468   | B2   | 20031021     |
| APPLICATION INFO.:    | US 2001-907794   | A1   | 20010717 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US19437 | 19980917      |
|                       | WO 1998-US25108 | 19981201      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991129      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28301 | 19991201      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
|                       | WO 1999-US30999 | 19991220      |
|                       | WO 1999-US30911 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | WO 2000-US3565  | 20000211      |
|                       | WO 2000-US4414  | 20000222      |
|                       | WO 2000-US5004  | 20000224      |
|                       | WO 2000-US5841  | 20000302      |
|                       | WO 2000-US7377  | 20000320      |
|                       | WO 2000-US8439  | 20000330      |
|                       | WO 2000-US14042 | 20000522      |
|                       | WO 2000-US15264 | 20000602      |
|                       | WO 2000-US20710 | 20000728      |
|                       | WO 2000-US23328 | 20000824      |
|                       | US 1997-59115P  | 19970917 (60) |
|                       | US 1997-59184P  | 19970917 (60) |
|                       | US 1997-59122P  | 19970917 (60) |
|                       | US 1997-59117P  | 19970917 (60) |
|                       | US 1997-59113P  | 19970917 (60) |
|                       | US 1997-59121P  | 19970917 (60) |
|                       | US 1997-59119P  | 19970917 (60) |
|                       | US 1997-59263P  | 19970918 (60) |
|                       | US 1997-59266P  | 19970918 (60) |
|                       | US 1997-62125P  | 19971015 (60) |
|                       | US 1997-62287P  | 19971017 (60) |
|                       | US 1997-62285P  | 19971017 (60) |
|                       | US 1997-63486P  | 19971021 (60) |
|                       | US 1997-62816P  | 19971024 (60) |
|                       | US 1997-62814P  | 19971024 (60) |
|                       | US 1997-63127P  | 19971024 (60) |
|                       | US 1997-63120P  | 19971024 (60) |

|                 |               |
|-----------------|---------------|
| US 1997-63121P  | 19971024 (60) |
| US 1997-63045P  | 19971024 (60) |
| US 1997-63128P  | 19971024 (60) |
| US 1997-63329P  | 19971027 (60) |
| US 1997-63327P  | 19971027 (60) |
| US 1997-63549P  | 19971028 (60) |
| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21771

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 13 OF 134 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-19560 BIOTECHDS

TITLE: Novel modified pro-alpha-chain useful for treating wounds and

fibrotic disorders, has triple helical forming domain linked to N-terminal domain that contains a polypeptide sequence from proteoglycan protein core;  
vector-mediated gene transfer, expression in host cell and triple helix for recombinant protein production and gene therapy

AUTHOR: KADLER K E; BULLEID N J  
PATENT ASSIGNEE: UNIV VICTORIA MANCHESTER  
PATENT INFO: WO 2003035692 1 May 2003  
APPLICATION INFO: WO 2002-GB4785 23 Oct 2002  
PRIORITY INFO: GB 2001-25372 23 Oct 2001; GB 2001-25369 23 Oct 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-504991 [47]  
AN 2003-19560 BIOTECHDS  
AB DERWENT ABSTRACT:

NOVELTY - A modified pro-alpha-chain (I) comprising a triple helical forming domain linked to at least one N-terminal domain characterized in that the N-terminal domain contains a polypeptide sequence from at least part of a proteoglycan protein core, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: (1) a DNA molecule (II) encoding (I); (2) a procollagen molecule (III) comprising a trimer pro-alpha-chains characterized in that at least one of the pro-alpha-chain is (I); (3) a collagen polymer (IV) comprising collagen monomers, where at least some of the collagen monomers contained in it have retained N-propeptides characterized in that at least some of the retained N-propeptides contain a polypeptide sequence from at least part of a proteoglycan protein core; (4) a shrinkage resistant collagen matrix (V) comprising collagen monomers characterized in that at least some of the monomers have modified N-terminals domains to provide a matrix that is resistant to contraction; (5) a dressing (VI) comprising (IV) or (V); (6) an artificial skin/tissue or a body implant (VII), comprising (V); and (7) a delivery system (IX) comprising (I), capable of being transcribed to lead the expression of the modified proalpha-chain at a wound site or site of fibrosis.

BIOTECHNOLOGY - Preparation: (I) is expressed by (II) in a cell or expression system containing (II), where (II) is designed by molecular biology techniques. Preferred Protein: The triple helical forming domain is from a fibrillar forming pro-alpha-chain of type I, II, III, IV or XI. Preferably, the triple helical forming domain is from a proalpha1 (III) chain. The N-terminal domain comprises a whole proteoglycan molecule, decorin, biglycan, fibromodulin, lumican or their functional derivatives. The N-terminal domain comprises at least one leucine-rich repeat of 20-24 amino acids found in the decorin family of proteoglycans, or betaglycan or its functional derivatives. N- proteinase cleavage site associated with the N-terminal propeptide domain is modified such as to alter the domain's susceptibility to cleavage, preferably the domain may not be cleaved. A region between the helical forming domain and the N- propeptide forming domain of the pro-alpha chain is modified to confer resistance to N-proteinases. Pro-Gln in the region is altered to Leu-Pro. The N-terminal domain of (I) comprises a sequence of 1726 amino acids fully defined in the specification.

Preferred Compounds: (III) is loaded with a growth factor e.g. transforming growth factor (TGF)-beta1 or TGF-beta3, for release at a target site. The C-terminal domain of (III) is removed. In (IV), the collagen monomers having retained propeptide domains are derived from (III). At least some of the collagen monomers have an N-terminal domain containing leucine rich repeat sequences, or polypeptide sequence from a proteoglycan. At least 50 % of (V) comprises collagen having modified N-terminal domains.

ACTIVITY - Vulnerary.

MECHANISM OF ACTION - None given. No biological data is given.

USE - (I), (III), (IV), (V) or (VI) is useful for the treatment of medical conditions, and in the manufacture of a medicament for use in the treatment of wounds or fibrotic disorders. (I), (III), (IV), (V) or (VI)

is useful for coating medical products or devices, and for coating a catheter. (IV) or (VII) is useful in the treatment of medical conditions, in cosmetic treatment and as an advanced filler material in facial aesthetic procedures. (IX) is useful for treating wounds and fibrotic disorders, and in the manufacture of a medicament for treating wounds and fibrotic conditions. (All claimed.) (IV) is useful for forming a macroscopic collagen matrix or gel.

ADMINISTRATION - (I), (II), (III) or (IV) is administered directly or topically. 1 ng-10 mg, preferably 1 microg-1 mg of (IV) is administered.

EXAMPLE - DNA sequence encoding modified pro-alpha chain polypeptide was constructed comprising the entire coding region for **decorin** in place of the globular domain of the N-propeptide of the pro-alpha1 (III) chain. First a PCR product was prepared containing the entire coding region for **decorin** but lacking its natural stop codon. To facilitate subsequent cloning and fusion with the type III procollagen sequence, a NotI restriction enzyme site was introduced with the sense PCR primer and the overlapping sequence for type III procollagen within the antisense PCR primer. The template for the PCR reaction was a **decorin** cDNA clone (NCBI XM012239) comprising a 1111 nucleotide sequence, given in the specification. The sequence of the PCR oligonucleotides were (all 5'-3'): 5' end (including NotI site) - CACGTTACTGAGCGGCCGCACTGTTCCCTGGTTGTGAAAATAC (O1) and 3' end - GCCTTGAGGTCTTGACCATTCTTATAGTTCCGAGTTGAATGG (O2) (sequence overlapping the proalpha1(III) sequence at the junction site, underlined). A PCR product containing a sequence from proalpha1(III) chain up to the junction site (i.e. at the end of the N- propeptide globular domain) to a unique BamHI restriction enzyme site within the triple helical domain, was prepared. The template for this reaction was a proalpha1(III) chain cDNA. The PCR oligonucleotides used with the proalpha1 (III) chain template were 5' end - AATGGTCAAGGACCTCAAGGC (O3) (complementary to the overlap region of O1, and 3' end - AGACCCTGCAGGTCCAACTT (O4). The two PCR products (from primers O1 and O2, and O3 and O4) were then purified and mixed and a secondary PCR reaction carried out to join the two PCR products together and to amplify the resulting joined product. The 5' and 3' oligonucleotides used in the secondary PCR reaction were: 5' end - CACGTTACTGAGCGGCCGCACTGTTCCCTGGTTGTGAAAATAC and 3' end - AGACCCTGCAGGTCCAACTT. The PCR product resulting from the secondary PCR reaction was then digested with NotI and BamHI, and subcloned into the BamHI site within the coding region of the proalpha1 (III) cDNA. The resulting construct was a DNA molecule encoding modified pro-alpha chain polypeptide, and contained the entire coding region for **decorin** (including the amino terminal signal sequence) that replaced the globular domain from the N- propeptide of the proalpha1(III) chain. The entire nucleotide sequence of the DNA molecule contained 5216 nucleotides fully defined in the specification, and the amino acid sequence of modified pro-alpha chain contained 1726 amino acids, given in the specification. The DNA molecule was subcloned into the expression vector PCEP4 for expression in human embryonic kidney (HEK)-293-EBNA cells. Modified pro-alpha chains were generated in the endoplasmic reticulum of HEK 293-EBNA cells. The molecules were then automatically formed into a homotrimer, and the obtained modified procollagen molecule was designated as dec- proalpha1(III) or Prodec (RTM). (73 pages)

L155 ANSWER 14 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:319504 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES

| NUMBER   | KIND | DATE          |
|--|------|---------------|
| US 2003225253  | A1   | 20031204      |
| US 2003-448923   | A1   | 20030529 (10) |
| Continuation of Ser. No. US 2001-905125, filed on 12 Jul 2001, PENDING Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1999-US28313, filed on 30 Nov 1999, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING |      |               |

| NUMBER   | DATE                |
|--|---------------------|
| US 1997-63128P   | 19971024 (60)       |
| Utility APPLICATION  |                     |
| HELLER EHRLICH WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD ROAD, MENLO PARK, CO, 94025-3506 |                     |
| NUMBER OF CLAIMS:  | 38                  |
| EXEMPLARY CLAIM:   | 1                   |
| NUMBER OF DRAWINGS:  | 124 Drawing Page(s) |
| LINE COUNT:  | 21306               |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 15 OF 134 USPATFULL on STN  
 ACCESSION NUMBER: 2003:306470 USPATFULL  
 TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
 INVENTOR(S):  
 Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
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 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2003215904 A1 20031120  
APPLICATION INFO.: US 2001-906722 A1 20010716 (9)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18  
Sep 2000, PENDING

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US19437 | 19980917      |
|                       | WO 1998-US25108 | 19981201      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991129      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28301 | 19991201      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
|                       | WO 1999-US30999 | 19991220      |
|                       | WO 1999-US30911 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | WO 2000-US3565  | 20000211      |
|                       | WO 2000-US4414  | 20000222      |
|                       | WO 2000-US5004  | 20000224      |
|                       | WO 2000-US5841  | 20000302      |
|                       | WO 2000-US7377  | 20000320      |
|                       | WO 2000-US8439  | 20000330      |
|                       | WO 2000-US14042 | 20000522      |
|                       | WO 2000-US15264 | 20000602      |
|                       | WO 2000-US20710 | 20000728      |
|                       | WO 2000-US23328 | 20000824      |
|                       | US 1997-59115P  | 19970917 (60) |
|                       | US 1997-59184P  | 19970917 (60) |
|                       | US 1997-59122P  | 19970917 (60) |
|                       | US 1997-59117P  | 19970917 (60) |
|                       | US 1997-59113P  | 19970917 (60) |
|                       | US 1997-59121P  | 19970917 (60) |
|                       | US 1997-59119P  | 19970917 (60) |
|                       | US 1997-59263P  | 19970918 (60) |
|                       | US 1997-59266P  | 19970918 (60) |
|                       | US 1997-62125P  | 19971015 (60) |
|                       | US 1997-62287P  | 19971017 (60) |
|                       | US 1997-62285P  | 19971017 (60) |
|                       | US 1997-63486P  | 19971021 (60) |
|                       | US 1997-62816P  | 19971024 (60) |
|                       | US 1997-62814P  | 19971024 (60) |
|                       | US 1997-63127P  | 19971024 (60) |
|                       | US 1997-63120P  | 19971024 (60) |
|                       | US 1997-63121P  | 19971024 (60) |
|                       | US 1997-63045P  | 19971024 (60) |
|                       | US 1997-63128P  | 19971024 (60) |
|                       | US 1997-63329P  | 19971027 (60) |
|                       | US 1997-63327P  | 19971027 (60) |
|                       | US 1997-63549P  | 19971028 (60) |
|                       | US 1997-63541P  | 19971028 (60) |
|                       | US 1997-63550P  | 19971028 (60) |
|                       | US 1997-63542P  | 19971028 (60) |
|                       | US 1997-63544P  | 19971028 (60) |
|                       | US 1997-63564P  | 19971028 (60) |
|                       | US 1997-63734P  | 19971029 (60) |

|                 |               |
|-----------------|---------------|
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

BRINKS HOFER GILSON & LIONE, WO, P.O. BOX 10395,  
CHICAGO, IL, 60610

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 16 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:300352 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER  | KIND | DATE          |
|-----------------------|---|------|---------------|
| PATENT INFORMATION:   | US 2003211576   | A1   | 20031113      |
| APPLICATION INFO.:    | US 2002-298993  | A1   | 20021118 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING |      |               |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite 1150, 201 California Street, San Francisco, CA, 94111-3335

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21304

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 17 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:300345 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S) :

Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

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Godowski, Paul J., Burlingame, CA, UNITED STATES

Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES

Kljavin, Ivar J., Lafayette, CA, UNITED STATES

Mather, Jennie P., Millbrae, CA, UNITED STATES

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Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003211569  | A1   | 20031113     |
| APPLICATION INFO.:    | US 2001-904938   | A1   | 20010712 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

PRIORITY INFORMATION:

|                 | NUMBER        | DATE |
|-----------------|---------------|------|
| WO 1998-US18824 | 19980910      |      |
| WO 1998-US19177 | 19980914      |      |
| WO 1998-US19330 | 19980916      |      |
| WO 1998-US19437 | 19980917      |      |
| WO 1998-US25108 | 19981201      |      |
| WO 1999-US20594 | 19990908      |      |
| WO 1999-US20944 | 19990913      |      |
| WO 1999-US21090 | 19990915      |      |
| WO 1999-US21547 | 19990915      |      |
| WO 1999-US23089 | 19991005      |      |
| WO 1999-US28214 | 19991129      |      |
| WO 1999-US28313 | 19991130      |      |
| WO 1999-US28301 | 19991201      |      |
| WO 1999-US28564 | 19991202      |      |
| WO 1999-US28565 | 19991202      |      |
| WO 1999-US30095 | 19991216      |      |
| WO 1999-US30999 | 19991220      |      |
| WO 1999-US30911 | 19991220      |      |
| WO 2000-US219   | 20000105      |      |
| WO 2000-US3565  | 20000211      |      |
| WO 2000-US4414  | 20000222      |      |
| WO 2000-US5004  | 20000224      |      |
| WO 2000-US5841  | 20000302      |      |
| WO 2000-US7377  | 20000320      |      |
| WO 2000-US8439  | 20000330      |      |
| WO 2000-US14042 | 20000522      |      |
| WO 2000-US15264 | 20000602      |      |
| WO 2000-US20710 | 20000728      |      |
| WO 2000-US23328 | 20000824      |      |
| US 1997-59115P  | 19970917 (60) |      |
| US 1997-59184P  | 19970917 (60) |      |
| US 1997-59122P  | 19970917 (60) |      |
| US 1997-59117P  | 19970917 (60) |      |
| US 1997-59113P  | 19970917 (60) |      |
| US 1997-59121P  | 19970917 (60) |      |
| US 1997-59119P  | 19970917 (60) |      |
| US 1997-59263P  | 19970918 (60) |      |
| US 1997-59266P  | 19970918 (60) |      |
| US 1997-62125P  | 19971015 (60) |      |
| US 1997-62287P  | 19971017 (60) |      |
| US 1997-62285P  | 19971017 (60) |      |
| US 1997-63486P  | 19971021 (60) |      |
| US 1997-62816P  | 19971024 (60) |      |
| US 1997-62814P  | 19971024 (60) |      |
| US 1997-63127P  | 19971024 (60) |      |
| US 1997-63120P  | 19971024 (60) |      |
| US 1997-63121P  | 19971024 (60) |      |
| US 1997-63045P  | 19971024 (60) |      |
| US 1997-63128P  | 19971024 (60) |      |

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| US 1997-63329P  | 19971027 (60) |
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| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO,  
IL, 60610

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21764

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 18 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:300344 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

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PATENT INFORMATION:  
US 2003211568 A1 20031113  
APPLICATION INFO.:  
US 2001-904805 A1 20010712 (9)  
RELATED APPLN. INFO.:  
Continuation of Ser. No. US 2000-665350, filed on 18  
Sep 2000, PENDING Continuation of Ser. No. WO  
2000-US4414, filed on 22 Feb 2000, PENDING Continuation  
of Ser. No. WO 1998-US19330, filed on 16 Sep 1998,  
PENDING

| NUMBER | DATE |
|--------|------|
|--------|------|

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PRIORITY INFORMATION:  
US 1997-63327P 19971027 (60)  
DOCUMENT TYPE:  
Utility  
FILE SEGMENT:  
APPLICATION  
LEGAL REPRESENTATIVE:  
KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

22079

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 19 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:293924 USPATFULL

TITLE: Cosmetic composition and method of treating skin and hair

INVENTOR(S) : Barclay, Scott Sinclair, Broadstairs, UNITED KINGDOM  
Bosley, John Anthony, Kettering, UNITED KINGDOM  
Donovan, Robert Mark, Montmorency, FRANCE  
James, Alexander Gordon, Sharnbrook, UNITED KINGDOM  
Mayes, Andrew Easson, Sharnbrook, UNITED KINGDOM

PATENT ASSIGNEE(S) : Rogers, Julia Sarah, Sharnbrook, UNITED KINGDOM  
Unilever Home & Personal Care USA, Division of Conopco,  
Inc. (non-U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:

| NUMBER         | KIND | DATE          |
|----------------|------|---------------|
| US 2003206936  | A1   | 20031106      |
| US 2003-420629 | A1   | 20030422 (10) |

PRIORITY INFORMATION:  
DOCUMENT TYPE:  
FILE SEGMENT:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
NUMBER OF DRAWINGS:  
LINE COUNT:  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition for topical application to human skin comprising an effective amount of a hydroxy phenyl alkyl carboxylic acid of general formula (I): ##STR1##

wherein n is an integer between 1 and 5;

wherein z is OH or O or OR<sup>1</sup>;

wherein each R<sup>1</sup> is independently C<sub>1-4</sub> straight or branched chain alkyl, CH<sub>2</sub>OH or COOH;

wherein each R<sup>2</sup> is independently R<sup>1</sup>, CH<sub>2</sub>COOH or COOH; and

wherein at least one R<sup>2</sup> is COOH; and

wherein each R<sup>3</sup> is independently --CH<sub>2</sub>--, CH<sub>3</sub> or COOH;

and salt and ester derivatives thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 20 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2003:271008 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S) : Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES

## PATENT ASSIGNEE(S) :

Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

## PATENT INFORMATION:

NUMBER            KIND            DATE

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## APPLICATION INFO.:

US 2003190611        A1        20031009

## RELATED APPLN. INFO.:

US 2001-907728        A1        20010717 (9)

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

## PRIORITY INFORMATION:

NUMBER            DATE

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WO 1998-US18824        19980910

WO 1998-US19177        19980914

WO 1998-US19330        19980916

WO 1998-US19437        19980917

WO 1998-US25108        19981201

WO 1999-US20594        19990908

WO 1999-US20944        19990913

WO 1999-US21090        19990915

WO 1999-US21547        19990915

WO 1999-US23089        19991005

WO 1999-US28214        19991129

WO 1999-US28313        19991130

WO 1999-US28301        19991201

WO 1999-US28564        19991202

WO 1999-US28565        19991202

WO 1999-US30095        19991216

WO 1999-US30999        19991220

WO 1999-US30911        19991220

WO 2000-US219        20000105

WO 2000-US3565        20000211

WO 2000-US4414        20000222

WO 2000-US5004        20000224

WO 2000-US5841        20000302

WO 2000-US7377        20000320

WO 2000-US8439        20000330

WO 2000-US14042        20000522

WO 2000-US15264        20000602

WO 2000-US20710        20000728

WO 2000-US23328        20000824

US 1997-59115P        19970917 (60)

US 1997-59184P        19970917 (60)

US 1997-59122P        19970917 (60)

US 1997-59117P        19970917 (60)

US 1997-59113P        19970917 (60)

US 1997-59121P        19970917 (60)

US 1997-59119P        19970917 (60)

US 1997-59263P        19970918 (60)

US 1997-59266P        19970918 (60)

US 1997-62125P        19971015 (60)

US 1997-62287P        19971017 (60)

US 1997-62285P        19971017 (60)

US 1997-63486P        19971021 (60)

US 1997-62816P        19971024 (60)

US 1997-62814P        19971024 (60)

US 1997-63127P        19971024 (60)

US 1997-63120P        19971024 (60)

US 1997-63121P        19971024 (60)

US 1997-63045P        19971024 (60)

US 1997-63128P        19971024 (60)

US 1997-63329P        19971027 (60)

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| US 1997-63327P  | 19971027 (60) |
| US 1997-63549P  | 19971028 (60) |
| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21876

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 21 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:271007 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003190610  | A1   | 20031009     |
| APPLICATION INFO.:    | US 2001-906618   | A1   | 20010716 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

PRIORITY INFORMATION:

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US19437 | 19980917      |
|                       | WO 1998-US25108 | 19981201      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991129      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28301 | 19991201      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
|                       | WO 1999-US30999 | 19991220      |
|                       | WO 1999-US30911 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | WO 2000-US3565  | 20000211      |
|                       | WO 2000-US4414  | 20000222      |
|                       | WO 2000-US5004  | 20000224      |
|                       | WO 2000-US5841  | 20000302      |
|                       | WO 2000-US7377  | 20000320      |
|                       | WO 2000-US8439  | 20000330      |
|                       | WO 2000-US14042 | 20000522      |
|                       | WO 2000-US15264 | 20000602      |
|                       | WO 2000-US20710 | 20000728      |
|                       | WO 2000-US23328 | 20000824      |
|                       | US 1997-59115P  | 19970917 (60) |
|                       | US 1997-59184P  | 19970917 (60) |
|                       | US 1997-59122P  | 19970917 (60) |
|                       | US 1997-59117P  | 19970917 (60) |

|                 |               |
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| US 1997-59113P  | 19970917 (60) |
| US 1997-59121P  | 19970917 (60) |
| US 1997-59119P  | 19970917 (60) |
| US 1997-59263P  | 19970918 (60) |
| US 1997-59266P  | 19970918 (60) |
| US 1997-62125P  | 19971015 (60) |
| US 1997-62287P  | 19971017 (60) |
| US 1997-62285P  | 19971017 (60) |
| US 1997-63486P  | 19971021 (60) |
| US 1997-62816P  | 19971024 (60) |
| US 1997-62814P  | 19971024 (60) |
| US 1997-63127P  | 19971024 (60) |
| US 1997-63120P  | 19971024 (60) |
| US 1997-63121P  | 19971024 (60) |
| US 1997-63045P  | 19971024 (60) |
| US 1997-63128P  | 19971024 (60) |
| US 1997-63329P  | 19971027 (60) |
| US 1997-63327P  | 19971027 (60) |
| US 1997-63549P  | 19971028 (60) |
| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614  
NUMBER OF CLAIMS: 38  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 124 Drawing Page(s)  
LINE COUNT: 21653  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 22 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2003:266221 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S):  
Ashkenazi, Aviv, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

| NUMBER   | KIND | DATE         |
|--|------|--------------|
| US 2003187238  | A1   | 20031002     |
| US 2001-903562   | A1   | 20010711 (9) |
| Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

PATENT INFORMATION:

| NUMBER   | DATE            |
|--|-----------------|
| US 2003187238  | A1 20031002     |
| US 2001-903562   | A1 20010711 (9) |
| Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |                 |

APPLICATION INFO.:

| NUMBER          | DATE     |
|-----------------|----------|
| WO 1998-US18824 | 19980910 |
| WO 1998-US19177 | 19980914 |
| WO 1998-US19330 | 19980916 |
| WO 1998-US19437 | 19980917 |
| WO 1998-US25108 | 19981201 |
| WO 1999-US20594 | 19990908 |
| WO 1999-US20944 | 19990913 |
| WO 1999-US21090 | 19990915 |
| WO 1999-US21547 | 19990915 |
| WO 1999-US23089 | 19991005 |
| WO 1999-US28214 | 19991129 |
| WO 1999-US28313 | 19991130 |
| WO 1999-US28301 | 19991201 |
| WO 1999-US28564 | 19991202 |
| WO 1999-US28565 | 19991202 |
| WO 1999-US30095 | 19991216 |

RELATED APPLN. INFO.:

| NUMBER          | DATE     |
|-----------------|----------|
| WO 1998-US18824 | 19980910 |
| WO 1998-US19177 | 19980914 |
| WO 1998-US19330 | 19980916 |
| WO 1998-US19437 | 19980917 |
| WO 1998-US25108 | 19981201 |
| WO 1999-US20594 | 19990908 |
| WO 1999-US20944 | 19990913 |
| WO 1999-US21090 | 19990915 |
| WO 1999-US21547 | 19990915 |
| WO 1999-US23089 | 19991005 |
| WO 1999-US28214 | 19991129 |
| WO 1999-US28313 | 19991130 |
| WO 1999-US28301 | 19991201 |
| WO 1999-US28564 | 19991202 |
| WO 1999-US28565 | 19991202 |
| WO 1999-US30095 | 19991216 |

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| WO | 1999-US30999 | 19991220      |
| WO | 1999-US30911 | 19991220      |
| WO | 2000-US219   | 20000105      |
| WO | 2000-US3565  | 20000211      |
| WO | 2000-US4414  | 20000222      |
| WO | 2000-US5004  | 20000224      |
| WO | 2000-US5841  | 20000302      |
| WO | 2000-US7377  | 20000320      |
| WO | 2000-US8439  | 20000330      |
| WO | 2000-US14042 | 20000522      |
| WO | 2000-US15264 | 20000602      |
| WO | 2000-US20710 | 20000728      |
| WO | 2000-US23328 | 20000824      |
| US | 1997-59115P  | 19970917 (60) |
| US | 1997-59184P  | 19970917 (60) |
| US | 1997-59122P  | 19970917 (60) |
| US | 1997-59117P  | 19970917 (60) |
| US | 1997-59113P  | 19970917 (60) |
| US | 1997-59121P  | 19970917 (60) |
| US | 1997-59119P  | 19970917 (60) |
| US | 1997-59263P  | 19970918 (60) |
| US | 1997-59266P  | 19970918 (60) |
| US | 1997-62125P  | 19971015 (60) |
| US | 1997-62287P  | 19971017 (60) |
| US | 1997-62285P  | 19971017 (60) |
| US | 1997-63486P  | 19971021 (60) |
| US | 1997-62816P  | 19971024 (60) |
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| US | 1997-63549P  | 19971028 (60) |
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| US | 1997-63542P  | 19971028 (60) |
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| US | 1997-63734P  | 19971029 (60) |
| US | 1997-63738P  | 19971029 (60) |
| US | 1997-63704P  | 19971029 (60) |
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| US | 1997-64103P  | 19971031 (60) |
| US | 1997-63870P  | 19971031 (60) |
| US | 1997-64248P  | 19971103 (60) |
| US | 1997-64809P  | 19971107 (60) |
| US | 1997-65186P  | 19971112 (60) |
| US | 1997-65846P  | 19971117 (60) |
| US | 1997-65693P  | 19971118 (60) |
| US | 1997-66120P  | 19971121 (60) |
| US | 1997-66364P  | 19971121 (60) |
| US | 1997-66772P  | 19971124 (60) |
| US | 1997-66466P  | 19971124 (60) |
| US | 1997-66770P  | 19971124 (60) |
| US | 1997-66511P  | 19971124 (60) |
| US | 1997-66453P  | 19971124 (60) |
| US | 1997-66840P  | 19971125 (60) |
| US | 1997-69425P  | 19971212 (60) |
| US | 1998-88026P  | 19980604 (60) |
| US | 1998-99803P  | 19980910 (60) |

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| US 1998-100262P | 19980914 | (60) |
| US 1998-100858P | 19980917 | (60) |
| US 1998-104080P | 19981013 | (60) |
| US 1998-109304P | 19981120 | (60) |
| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, WO, 2040 MAIN STREET, FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21722

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 23 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:265343 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER            KIND            DATE

|   |       |              |
|---|-------|--------------|
| -----   | ----- | -----        |
| US 2003186358   | A1    | 20031002     |
| US 2001-904877  | A1    | 20010712 (9) |
| Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1998-US19437, filed on 17 Sep 1998, |       |              |

PATENT INFORMATION:

US 2003186358      A1      20031002

APPLICATION INFO.:

US 2001-904877      A1      20010712 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO

2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1998-US19437, filed on 17 Sep 1998,

## PENDING

|                       | NUMBER          | DATE          |
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| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US25108 | 19981201      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991129      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28301 | 19991201      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
|                       | WO 1999-US30999 | 19991220      |
|                       | WO 1999-US30911 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | WO 2000-US3565  | 20000211      |
|                       | WO 2000-US5004  | 20000224      |
|                       | WO 2000-US5841  | 20000302      |
|                       | WO 2000-US7377  | 20000320      |
|                       | WO 2000-US8439  | 20000330      |
|                       | WO 2000-US14042 | 20000522      |
|                       | WO 2000-US15264 | 20000602      |
|                       | WO 2000-US20710 | 20000728      |
|                       | WO 2000-US23328 | 20000824      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991130      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
|                       | WO 1999-US30911 | 19991220      |
|                       | WO 1999-US30999 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | US 1998-88026P  | 19980604 (60) |
|                       | US 1997-59115P  | 19970917 (60) |
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|                       | US 1997-59119P  | 19970917 (60) |
|                       | US 1997-59263P  | 19970918 (60) |
|                       | US 1997-59266P  | 19970918 (60) |
|                       | US 1997-62125P  | 19971015 (60) |
|                       | US 1997-62287P  | 19971017 (60) |
|                       | US 1997-62285P  | 19971017 (60) |
|                       | US 1997-63486P  | 19971021 (60) |
|                       | US 1997-62816P  | 19971024 (60) |
|                       | US 1997-62814P  | 19971024 (60) |
|                       | US 1997-63127P  | 19971024 (60) |
|                       | US 1997-63120P  | 19971024 (60) |
|                       | US 1997-63121P  | 19971024 (60) |
|                       | US 1997-63045P  | 19971024 (60) |
|                       | US 1997-63128P  | 19971024 (60) |
|                       | US 1997-63329P  | 19971027 (60) |

|                 |               |
|-----------------|---------------|
| US 1997-63327P  | 19971027 (60) |
| US 1997-63549P  | 19971028 (60) |
| US 1997-63541P  | 19971028 (60) |
| US 1997-63550P  | 19971028 (60) |
| US 1997-63542P  | 19971028 (60) |
| US 1997-63544P  | 19971028 (60) |
| US 1997-63564P  | 19971028 (60) |
| US 1997-63734P  | 19971029 (60) |
| US 1997-63738P  | 19971029 (60) |
| US 1997-63704P  | 19971029 (60) |
| US 1997-63435P  | 19971029 (60) |
| US 1997-64215P  | 19971029 (60) |
| US 1997-63735P  | 19971029 (60) |
| US 1997-63732P  | 19971029 (60) |
| US 1997-64103P  | 19971031 (60) |
| US 1997-63870P  | 19971031 (60) |
| US 1997-64248P  | 19971103 (60) |
| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: BRINKS HOFER GILSON & LIONE, WO, P.O. BOX 10395,  
CHICAGO, IL, 60610

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21836

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 24 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:264832 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

NUMBER            KIND            DATE

PATENT INFORMATION: US 2003185846        A1        20031002  
APPLICATION INFO.: US 2002-299937        A1        20021118 (10)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. US 2000-664610, filed on 18 Sep 2000, ABANDONED Continuation of Ser. No. WO 1999-US21090, filed on 15 Sep 1999, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

Utility

APPLICATION

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite 1150, 201 California Street, San Francisco, CA, 94111-3335

38

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21469

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB        The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 25 OF 134    USPATFULL on STN

ACCESSION NUMBER: 2003:257262    USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

| NUMBER | KIND | DATE |
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|  |       |               |
|--|-------|---------------|
| -----  | ----- | -----         |
| US 2003180312  | A1    | 20030925      |
| US 2002-299976                                       | A1    | 20021118 (10) |
| Continuation of Ser. No. US 2000-665350, filed on 18 |       |               |
| Sep 2000, PENDING Continuation of Ser. No. WO        |       |               |
| 2000-US4414, filed on 22 Feb 2000, PENDING           |       |               |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Ginger R. Dreger, Knobbe Martens Olson & Bear, Suite 1150, 201 California Street, San Francisco, CA, 94111-3335

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21306

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 26 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:237894 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S) :

Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 William, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2003166051   | A1   | 20030904     |
| APPLICATION INFO.:    | US 2001-904920  | A1   | 20010713 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING Continuation of Ser. No. WO 2000-US4414, filed on 22 Feb 2000, PENDING Continuation of Ser. No. WO 1998-US19330, filed on 16 Sep 1998, PENDING |      |              |

PRIORITY INFORMATION:

|  | NUMBER          | DATE          |
|--|-----------------|---------------|
|  | WO 1998-US18824 | 19980910      |
|  | WO 1998-US19177 | 19980914      |
|  | WO 1998-US19437 | 19980917      |
|  | WO 1998-US25108 | 19981201      |
|  | WO 1999-US20594 | 19990908      |
|  | WO 1999-US20944 | 19990913      |
|  | WO 1999-US21090 | 19990915      |
|  | WO 1999-US21547 | 19990915      |
|  | WO 1999-US23089 | 19991005      |
|  | WO 1999-US28214 | 19991129      |
|  | WO 1999-US28313 | 19991130      |
|  | WO 1999-US28301 | 19991201      |
|  | WO 1999-US28564 | 19991202      |
|  | WO 1999-US28565 | 19991202      |
|  | WO 1999-US30095 | 19991216      |
|  | WO 1999-US30999 | 19991220      |
|  | WO 1999-US30911 | 19991220      |
|  | WO 2000-US219   | 20000105      |
|  | WO 2000-US3565  | 20000211      |
|  | WO 2000-US5004  | 20000224      |
|  | WO 2000-US5841  | 20000302      |
|  | WO 2000-US7377  | 20000320      |
|  | WO 2000-US8439  | 20000330      |
|  | WO 2000-US14042 | 20000522      |
|  | WO 2000-US15264 | 20000602      |
|  | WO 2000-US20710 | 20000728      |
|  | WO 2000-US23328 | 20000824      |
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|  | US 1997-63127P  | 19971024 (60) |
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|  | US 1997-62814P  | 19971024 (60) |
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|  | US 1997-63541P  | 19971028 (60) |
|  | US 1997-59115P  | 19970917 (60) |

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| US 1997-59121P  | 19970917 | (60) |
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| US 1997-63735P  | 19971029 | (60) |
| US 1997-63732P  | 19971029 | (60) |
| US 1997-64103P  | 19971031 | (60) |
| US 1997-63870P  | 19971031 | (60) |
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| US 1997-64809P  | 19971107 | (60) |
| US 1997-65186P  | 19971112 | (60) |
| US 1997-65846P  | 19971117 | (60) |
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| US 1997-66120P  | 19971121 | (60) |
| US 1997-66364P  | 19971121 | (60) |
| US 1997-66772P  | 19971124 | (60) |
| US 1997-66466P  | 19971124 | (60) |
| US 1997-66770P  | 19971124 | (60) |
| US 1997-66511P  | 19971124 | (60) |
| US 1997-66453P  | 19971124 | (60) |
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| US 1998-88026P  | 19980604 | (60) |
| US 1998-99803P  | 19980910 | (60) |
| US 1998-100262P | 19980914 | (60) |
| US 1998-100858P | 19980917 | (60) |
| US 1998-101080P | 19980918 | (60) |
| US 1998-109304P | 19981120 | (60) |
| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614  
NUMBER OF CLAIMS: 38  
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21249

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 27 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:219709 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S):  
Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

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PATENT INFORMATION: US 2003152999 A1 20030814

APPLICATION INFO.: US 2001-904766 A1 20010712 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

| NUMBER | DATE |
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|--------|------|

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PRIORITY INFORMATION: WO 1998-US18824 19980910

WO 1998-US19177 19980914

WO 1998-US19330 19980916

WO 1998-US19437 19980917

WO 1998-US25108 19981201

WO 1999-US20594 19990908

WO 1999-US20944 19990913

WO 1999-US21090 19990915

WO 1999-US21547 19990915

WO 1999-US23089 19991015

WO 1999-US28214 19991129

WO 1999-US28313 19991130

WO 1999-US28301 19991201

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| WO | 1999-US28564 | 19991202      |
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| WO | 1999-US30095 | 19991216      |
| WO | 1999-US30999 | 19991220      |
| WO | 1999-US30911 | 19991220      |
| WO | 2000-US219   | 20000105      |
| WO | 2000-US3565  | 20000211      |
| WO | 2000-US4414  | 20000222      |
| WO | 2000-US5004  | 20000224      |
| WO | 2000-US5841  | 20000302      |
| WO | 2000-US7377  | 20000320      |
| WO | 2000-US8439  | 20000330      |
| WO | 2000-US14042 | 20000522      |
| WO | 2000-US15264 | 20000602      |
| WO | 2000-US20710 | 20000728      |
| WO | 2000-US23328 | 20000824      |
| US | 1997-59115P  | 19970917 (60) |
| US | 1997-59184P  | 19970917 (60) |
| US | 1997-59122P  | 19970917 (60) |
| US | 1997-59117P  | 19970917 (60) |
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| US | 1997-59263P  | 19970918 (60) |
| US | 1997-59266P  | 19970918 (60) |
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| US | 1997-63486P  | 19971021 (60) |
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| US | 1997-63121P  | 19971024 (60) |
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| US | 1997-63128P  | 19971024 (60) |
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| US | 1997-63870P  | 19971031 (60) |
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| US | 1997-65693P  | 19971118 (60) |
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| US | 1997-66364P  | 19971121 (60) |
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| US | 1997-66466P  | 19971124 (60) |
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| US | 1997-66453P  | 19971124 (60) |
| US | 1997-66840P  | 19971125 (60) |

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| US 1998-99803P  | 19980910 | (60) |
| US 1998-100262P | 19980914 | (60) |
| US 1998-100858P | 19980917 | (60) |
| US 1998-104080P | 19981013 | (60) |
| US 1998-109304P | 19981120 | (60) |
| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21282

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 28 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:219632 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

NUMBER            KIND            DATE

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PATENT INFORMATION:

US 2003152922      A1      20030814

APPLICATION INFO.:

US 2001-904532      A1      20010713 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18

Sep 2000, PENDING

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US19437 | 19980917      |
|                       | WO 1998-US25108 | 19981201      |
|                       | WO 1999-US20594 | 19990908      |
|                       | WO 1999-US20944 | 19990913      |
|                       | WO 1999-US21090 | 19990915      |
|                       | WO 1999-US21547 | 19990915      |
|                       | WO 1999-US23089 | 19991005      |
|                       | WO 1999-US28214 | 19991129      |
|                       | WO 1999-US28313 | 19991130      |
|                       | WO 1999-US28301 | 19991201      |
|                       | WO 1999-US28564 | 19991202      |
|                       | WO 1999-US28565 | 19991202      |
|                       | WO 1999-US30095 | 19991216      |
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|                       | WO 1999-US30911 | 19991220      |
|                       | WO 2000-US219   | 20000105      |
|                       | WO 2000-US3565  | 20000211      |
|                       | WO 2000-US4414  | 20000222      |
|                       | WO 2000-US5004  | 20000224      |
|                       | WO 2000-US5841  | 20000302      |
|                       | WO 2000-US7377  | 20000320      |
|                       | WO 2000-US8439  | 20000330      |
|                       | WO 2000-US14042 | 20000522      |
|                       | WO 2000-US15264 | 20000602      |
|                       | WO 2000-US20710 | 20000728      |
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|                       | US 1997-59115P  | 19970917 (60) |
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|                       | US 1997-62285P  | 19971017 (60) |
|                       | US 1997-63486P  | 19971021 (60) |
|                       | US 1997-62816P  | 19971024 (60) |
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| US 1997-64103P  | 19971031 (60) |
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| US 1997-64809P  | 19971107 (60) |
| US 1997-65186P  | 19971112 (60) |
| US 1997-65846P  | 19971117 (60) |
| US 1997-65693P  | 19971118 (60) |
| US 1997-66120P  | 19971121 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1997-66772P  | 19971124 (60) |
| US 1997-66466P  | 19971124 (60) |
| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

22046

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 29 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:213781 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES

Gerritsen, Mary E., San Mateo, CA, UNITED STATES

Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Burlingame, CA, UNITED STATES

Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S) :

PATENT INFORMATION:

| NUMBER         | KIND | DATE         |
|----------------|------|--------------|
| US 2003148419  | A1   | 20030807     |
| US 2001-903603 | A1   | 20010711 (9) |

APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

PRIORITY INFORMATION:

| NUMBER          | DATE          |
|-----------------|---------------|
| WO 1998-US18824 | 19980910      |
| WO 1998-US19177 | 19980914      |
| WO 1998-US19330 | 19980916      |
| WO 1998-US19437 | 19980917      |
| WO 1998-US25108 | 19981201      |
| WO 1999-US20594 | 19990908      |
| WO 1999-US20944 | 19990913      |
| WO 1999-US21090 | 19990915      |
| WO 1999-US21547 | 19990915      |
| WO 1999-US23099 | 19991015      |
| WO 1999-US28214 | 19991129      |
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| WO 2000-US5841  | 20000302      |
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| WO 2000-US8439  | 20000330      |
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| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO,  
IL, 60610

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 124 Drawing Page(s)

LINE COUNT: 21361

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 30 OF 134 USPATFULL on STN  
ACCESSION NUMBER: 2003:213733 USPATFULL

**TITLE:** Secreted and transmembrane polypeptides and nucleic acids encoding the same

**INVENTOR(S):**

Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Mather, Jennie P., Millbrae, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
**PATENT ASSIGNEE(S):** Genentech, Inc. (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003148371  | A1   | 20030807     |
| APPLICATION INFO.:    | US 2001-906777   | A1   | 20010716 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

|                       | NUMBER          | DATE     |
|-----------------------|-----------------|----------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910 |
|                       | WO 1998-US19177 | 19980914 |
|                       | WO 1998-US19330 | 19980916 |
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|                       | WO 1999-US30999 | 19991220 |
|                       | WO 1999-US30911 | 19991220 |
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|                       | WO 2000-US3565  | 20000211 |
|                       | WO 2000-US4414  | 20000222 |
|                       | WO 2000-US5004  | 20000224 |
|                       | WO 2000-US5841  | 20000302 |
|                       | WO 2000-US7377  | 20000320 |
|                       | WO 2000-US8439  | 20000330 |
|                       | WO 2000-US14042 | 20000522 |
|                       | WO 2000-US15264 | 20000602 |
|                       | WO 2000-US20710 | 20000728 |

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| WO 2000-US23328 | 20000824      |
| US 1997-59115P  | 19970917 (60) |
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| US 1997-63121P  | 19971024 (60) |
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| US 1997-69425P  | 19971212 (60) |
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| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS: 38  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 124 Drawing Page(s)  
LINE COUNT: 22022

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 31 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:213732 USPATFULL  
TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same  
INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
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Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
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Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
Genentech, Inc. (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER            KIND            DATE

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PATENT INFORMATION: US 2003148370        A1    20030807  
APPLICATION INFO.: US 2001-904838        A1    20010713 (9)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

NUMBER            DATE

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PRIORITY INFORMATION: WO 1998-US18824        19980910  
WO 1998-US19177        19980914  
WO 1998-US19330        19980916  
WO 1998-US19437        19980917  
WO 1998-US25108        19981201  
WO 1999-US20594        19990908  
WO 1999-US20944        19990913  
WO 1999-US21090        19990915  
WO 1999-US21547        19990915  
WO 1999-US23089        19991005  
WO 1999-US28214        19991129

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| WO 1999-US28313 | 19991130      |
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| WO 1999-US28564 | 19991202      |
| WO 1999-US28565 | 19991202      |
| WO 1999-US30095 | 19991216      |
| WO 1999-US30999 | 19991220      |
| WO 1999-US30911 | 19991220      |
| WO 2000-US219   | 20000105      |
| WO 2000-US3565  | 20000211      |
| WO 2000-US4414  | 20000222      |
| WO 2000-US5004  | 20000224      |
| WO 2000-US5841  | 20000302      |
| WO 2000-US7377  | 20000320      |
| WO 2000-US8439  | 20000330      |
| WO 2000-US14042 | 20000522      |
| WO 2000-US15264 | 20000602      |
| WO 2000-US20710 | 20000728      |
| WO 2000-US23328 | 20000824      |
| US 1997-59115P  | 19970917 (60) |
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| US 1997-63045P  | 19971024 (60) |
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| US 1997-66453P  | 19971124 | (60) |
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| US 1997-69425P  | 19971212 | (60) |
| US 1998-88026P  | 19980604 | (60) |
| US 1998-99803P  | 19980910 | (60) |
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| US 1998-104080P | 19981013 | (60) |
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| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21736

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 32 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:195214 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan L., San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

NUMBER            KIND            DATE

PATENT INFORMATION: US 2003135025        A1        20030717

APPLICATION INFO.: US 2001-904992 A1 20010712 (9)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-665350, filed on 18  
Sep 2000, PENDING

|                       | NUMBER          | DATE          |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US18824 | 19980910      |
|                       | WO 1998-US19177 | 19980914      |
|                       | WO 1998-US19330 | 19980916      |
|                       | WO 1998-US19437 | 19980917      |
|                       | WO 1998-US25108 | 19981201      |
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| US 1997-66770P  | 19971124 (60) |
| US 1997-66511P  | 19971124 (60) |
| US 1997-66453P  | 19971124 (60) |
| US 1997-66840P  | 19971125 (60) |
| US 1997-69425P  | 19971212 (60) |
| US 1998-88026P  | 19980604 (60) |
| US 1998-99803P  | 19980910 (60) |
| US 1998-100262P | 19980914 (60) |
| US 1998-100858P | 19980917 (60) |
| US 1998-104080P | 19981013 (60) |
| US 1998-109304P | 19981120 (60) |
| US 1998-113296P | 19981222 (60) |
| US 1999-143048P | 19990707 (60) |
| US 1999-145698P | 19990726 (60) |
| US 1999-146222P | 19990728 (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 MAIN STREET,  
FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21817

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 33 OF 134 USPATFULL on STN

ACCESSION NUMBER: 2003:188696 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES

Botstein, David, Belmont, CA, UNITED STATES

Desnoyers, Luc, San Francisco, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Filvaroff, Ellen, San Francisco, CA, UNITED STATES

Fong, Sherman, Alameda, CA, UNITED STATES

Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES

Gerritsen, Mary E., San Mateo, CA, UNITED STATES

Goddard, Audrey, San Francisco, CA, UNITED STATES

Godowski, Paul J., Burlingame, CA, UNITED STATES

Grimaldi, J. Christopher, San Francisco, CA, UNITED

## STATES

Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Mather, Jennie P., Millbrae, CA, UNITED STATES  
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 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES  
 Genentech, Inc. (U.S. corporation)

## PATENT ASSIGNEE(S) :

| NUMBER | KIND | DATE |
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|--------|------|------|

PATENT INFORMATION:

US 2003130489 A1 20030710

APPLICATION INFO.:

US 2001-903806 A1 20010711 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING

| NUMBER | DATE |
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PRIORITY INFORMATION:

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| WO 1998-US18824 | 19980910      |
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| WO 1998-US25108 | 19981201      |
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| WO 1999-US30999 | 19991220      |
| WO 1999-US30911 | 19991220      |
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| WO 2000-US7377  | 20000320      |
| WO 2000-US8439  | 20000330      |
| WO 2000-US14042 | 20000522      |
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| US 1997-59115P  | 19970917 (60) |
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| US 1997-66453P  | 19971124 | (60) |
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| US 1998-113296P | 19981222 | (60) |
| US 1999-143048P | 19990707 | (60) |
| US 1999-145698P | 19990726 | (60) |
| US 1999-146222P | 19990728 | (60) |

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

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FOURTEENTH FLOOR, IRVINE, CA, 92614

NUMBER OF CLAIMS:

38

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

124 Drawing Page(s)

LINE COUNT:

21267

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L155 ANSWER 34 OF 134    USPATFULL on STN  
 ACCESSION NUMBER:    2003:187802    USPATFULL  
 TITLE:    Secreted and transmembrane polypeptides and nucleic acids encoding the same  
 INVENTOR(S) :  
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 Genentech, Inc. (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2003129592  | A1   | 20030710     |
| APPLICATION INFO.:    | US 2001-905449   | A1   | 20010713 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 2000-665350, filed on 18 Sep 2000, PENDING |      |              |

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|                       | WO 1999-US21090 | 19990915 |
|                       | WO 1999-US21547 | 19990915 |
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|                       | WO 1999-US28565 | 19991202 |
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